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6-4-98

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re: U.S. Application)

Applicant: Bradfield et al.)

Group Art Unit: 1646

Serial No.: 855,402)

Examiner: J. Ulm

Filed: May 13, 1997)

FOR: Ah RECEPTOR cDNAs AND)
GENETICALLY ENGINEERED)
CELLS FOR DETECTING)
AGONISTS TO THE Ah)
RECEPTOR)

RECEIVED

JUN 2 1998

AMENDMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

The Office Action of November 24, 1997 has been carefully reviewed and the following amendments and remarks are made in response thereto.

IN THE CLAIMS:

Please amend claims 1-2, 5-6, 9-12 and 14-17 as follows:

1. (Amended). A [G]enetically engineered viable yeast cell[s]
transformed with plasmids expressing [the] an Ah receptor protein, [the] an Ah receptor
nuclear translocator, [the] a dioxin responsive element and a reporter gene, wherein the
reporter gene detects the activation of the Ah receptor upon the binding of agonists to the Ah
receptor.

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